

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.	:	09/818,062	Confirmation No. 9158
Applicant	:	Sriram Haridas	
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Examiner	:	SALL, EL HADJI MALICK	
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Customer No.	:	8791	

Commissioner for Patents
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SUMMARY OF TELEPHONIC INTERVIEW

It is noted that the Examiner contacted applicant's attorney on 03/14/2007 in order to discuss an Examiner's amendment to the claims. The following summary is to provide a complete and proper recordation of the substance of the interview:

(A) applicant presented a marked up version of the claims discussed showing the proposed amendments;

(B) claims 26, 27, 31, 32 36, 37, 41, 42, 46, and 47 were discussed;

(C) no specific prior art was discussed;

(D) the principal proposed amendments of a substantive nature as shown on the following pages were discussed;

(E) the examiner argued that the proposed amendments would distinguish the claimed invention from the prior art of record and allow the case to issue obviating the pending Appeal;

(F) no other pertinent matters were discussed;

(G) on 03/19 applicant called the Examiner and agreement was reached for the proposed amendments as shown on the following pages; and

(H) no part of the interview was conducted via electronic mail.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-25. (cancelled)

26. (currently amended):

A method of performing voice multicasting with a router, the method comprising:

receiving a network packet that includes voice data;

storing the voice data in a memory;

generating a voice packet that includes a digital signal processing (DSP) mask field;

sending the voice packet to a line card having a plurality of ports;

retrieving the voice data from the memory; and

multicasting the voice data on the plurality of ports as selected by the DSP mask ~~field~~.

field, wherein the DSP mask field comprises a bit field map having a plurality of bits in which each one of the plurality of bits selects one of the corresponding plurality of ports.

27. (cancelled)

28. (previously presented):

The method of claim 26, wherein the voice packet further includes descriptor fields for retrieving the voice data from the memory for multicasting.

29. (previously presented):

The method of claim 26, wherein multicasting the voice data is without duplicating packets.

30. (previously presented):

The method of claim 26, wherein the network packet is an Internet Protocol (IP) packet.

31. (currently amended):

A digital processing system comprising:

a host system to receive a network packet that includes voice data, store the voice data in a memory, and generate a voice packet that includes a digital signal processing (DSP) mask field; and

a line card coupled to the host system, the line card having a plurality of ports, the line card to receive the voice packet, to retrieve the voice data from the memory, and to multicast the voice data on the plurality of ports as selected by the DSP mask field. wherein the DSP mask field comprises a bit field map having a plurality of bits in which each one of the plurality of bits selects one of the corresponding plurality of ports.

32. (cancelled)

33. (previously presented):

The digital processing system of claim 31, wherein the voice packet further includes descriptor fields for retrieving the voice data from the memory for multicasting.

34. (previously presented):

The digital processing system of claim 31, wherein multicasting the voice data is without duplicating packets.

35. (previously presented):

The digital processing system of claim 31, wherein the network packet is an Internet Protocol (IP) packet.

36. (currently amended):

An apparatus comprising:

means for receiving a network packet that includes voice data;

means for storing the voice data;

means for generating a voice packet that includes a digital signal processing (DSP) mask field;

means for receiving the voice packet;

means for retrieving the voice data from the means for storing the voice data; and

means for multicasting the voice data on a plurality of ports as selected by the DSP mask ~~field.~~ field, wherein the DSP mask field comprises a bit field map having a plurality of bits in which each one of the plurality of bits selects one of the corresponding plurality of ports.

37. (cancelled)

38. (previously presented):

The apparatus of claim 36, wherein the voice packet further includes descriptor fields for retrieving the voice data from the means for storing the voice data.

39. (previously presented):

The apparatus of claim 36, wherein multicasting the voice data is without duplicating packets.

40. (previously presented):

The apparatus of claim 36, wherein the network packet is an Internet Protocol (IP) packet.

41. (currently amended):

A network device comprising:

a host system including a host central processing unit (CPU) and an operating the system,
the host system to receive a network packet that includes voice data;

the CPU to store the voice data in a memory and generate a voice packet that includes a
digital signal processing (DSP) mask field; and

a line card coupled to the host system, the line card having a plurality of ports to interface
to user devices, the line card to receive the voice packet from the host system, to retrieve
the voice data from the memory, and to multicast the voice data on the plurality of ports
as selected by the DSP mask ~~field~~ field, wherein the DSP mask field comprises a bit field
map having a plurality of bits in which each one of the plurality of bits selects one of the
corresponding plurality of ports.

42. (cancelled)

43. (previously presented):

The network device of claim 41, wherein the voice packet further includes descriptor fields for retrieving the voice data from the memory for multicasting.

44. (previously presented):

The network device of claim 41, wherein the line card multicasts the voice data without duplicating packets.

45. (previously presented):

The network device of claim 41, wherein the network packet is an Internet Protocol (IP) packet.

46. (currently amended):

An application specific integrated circuit programmed to perform the above multicasting operations

~~A medium storing instructions, the instructions to be processed by a processing unit~~ An application specific integrated circuit programmed to perform an operation comprising:

receiving a network packet that includes voice data;

storing the voice data in a memory;

generating a voice packet that includes a digital signal processing (DSP) mask field;

sending the voice packet to a line card having a plurality of ports;

retrieving the voice data from the memory; and

multicasting the voice data on the plurality of ports as selected by the DSP mask ~~field~~.

field, wherein the DSP mask field comprises a bit field map having a plurality of bits in which each one of the plurality of bits selects one of the corresponding plurality of ports.

47. (cancelled)

48. (previously presented):

The medium of claim 46, wherein the voice packet further includes descriptor fields for retrieving the voice data from the memory for multicasting.

49. (previously presented):

The medium of claim 46, wherein multicasting the voice data is without duplicating packets.

50. (previously presented):

The medium of claim 46, wherein the network packet is an Internet Protocol (IP) packet.

Conclusion

Applicant reserves all rights with respect to the applicability of the doctrine of equivalents.

Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

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Dated: 03/27/2007

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